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# LIBRARY NEWSLETTER

## U. S. DEPARTMENT of AGRICULTURE

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Vol. 7, Nos. 3 and 4

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### RECENT ADDITIONS TO THE LIBRARY

Aerial Photographs in Forestry, by Stephen H. Spurr. New York, Ronald Press, 1948. 340 p. 325.2 Sp9

Covers existing information concerning the use of photographs in forest mapping, inventory, and other phases of forest management. Only those aspects of the science of photogrammetry essential to foresters are considered. The author states that extensive application of aerial photographs in forestry has come about only recently and consequently much of the material in the book appears in published form for the first time. Instruments are described. Geographical Review, July 1948, reports that the "book is most timely and meets a definite need in technical forestry literature." Well illustrated.

Farm Manual, prepared by the Editors of Popular Mechanics. Chicago, Popular Mechanics Press, 1947. 284 p. 291 P81 1947a

Tricks in laying linoleum, of hanging wallpaper, directions on how to wire a house, repair electrical appliances, how to build fences, saws and many other items are included in this useful volume of how-to-do-it articles of general interest. For convenience the book is divided into six chapters: Farm Machinery and Implements; Farm Workshop; Equipment, Repairs; Poultry and Livestock; Vegetable Storage and Processing; Farm Home, Improvement and Maintenance; Farm Hints and Kinks.

Fire, by George R. Stewart. New York, Random House, 1948. 336 p. 145.3 St4

A new novel that relates the life history of a forest fire, from its birth as the result of a lightning stroke to the days of its might and terror, and its final defeat. Man's heroic struggle to conquer the fire as it threatens to destroy a huge western forest during its eleven days of existence forms an exciting story.

It is said that in preparation for the writing of the book the author worked during two fire-seasons in cooperation with the U. S. Forest Service in California and through service in various capacities acquired knowledge about fires and fire-fighting.

Forest Influences; the effects of woody vegetation on climate, water, and soil, with applications to the conservation of water and the control of floods and erosion, by Joseph Kittredge. New York, McGraw-Hill, 1948. 394 p. 99.36 K65

Treats of the value of forests and shrubs as protective covering for the land and their usefulness in the reduction of floods and erosion. Vegetational factors, Influences of forest on soil evaporation, Watershed management and the protection forest are a few of the chapters included. At the end of each chapter will be found a summary in a series of statements on the subject matter of forest influences proper.

Forest Valuation, with special emphasis on basic economic principles, by Herman H. Chapman and Walter H. Meyer. New York, McGraw-Hill, 1947. 521 p. 99.57 C36F

Economic study containing information of interest to the student of forest economics, foresters, investors, and owners of timberland. Costs, returns, and profits from timber crops, market values, taxation of forest property, appraisal of damages, and stumpage appraisal are a few of the subjects treated in this volume. The book is the successor to Forest Valuation, 1925, and Forest Finance, 1935.

Using and Managing Soils, by A. F. Gustafson. New York, McGraw-Hill, 1948. 420 p. 56.7 G97U

Basic information and practical suggestions on using and managing soils. It is designed for farmers, home gardeners, and students of vocational agriculture and stress throughout the volume is on holding the soil in place and keeping the soil productive. The necessity for the return of organic matter, fertilization, crop rotations, managing acid and alkali soils, and drainage are a few of the topics discussed. The author points out that continued mismanagement of soils leads to lower crop yields, serious in view of present world needs for food.

Yearbook of Food and Agricultural Statistics - 1947. Washington, Food and Agriculture Organization of the United Nations, 1947. 261 p. 251 In84

This volume, continuing the series of international statistics relating to agriculture formerly compiled by the International Institute of Agriculture at Rome, presents data on agricultural production and livestock numbers for 1946/47 and includes numerous revisions in the data for earlier years. It should be noted that this volume does not include statistics on fisheries nor on forests and forest products. Ministries of agriculture, statistical bureaus, and other agencies of various world governments cooperated in supplying figures and information necessary for the compilation of the publication.



## SELECTED PAMPHLETS

### Conservation

Bicolor lespedeza for quail and soil conservation in the southeast.  
8 p. 1948. (USDA Leaflet 248) 1 Ag84L no.248

### Cotton and Cotton Gins

Laboratory gins and tests of reliability of ginning with different  
sizes of seed cotton lots. 13 p. 1948. (USDA Cir. 782)  
1 Ag84C no.782

Recent changes in cotton acreage in ten southern states. 23 p.  
(Miss. Agr. Exp. Sta.)

### Dairying

All-year pasturing with and without concentrates for dairy cows.  
16 p. 1948. (Tenn. Agr. Exp. Sta. Bul. 207) 100 T25S no.207

### Farming Interests

Changes in farm production of chickens and eggs, 1924-48. 36 p.  
1948. (Bur. of Agr. Economics, FM-67) 1.941 L6F22 no.67

Changes in farming. 107 p. 1948. (Bur. of Agr. Economics, FM-58  
rev.) 1.941 L6F22 no.58 1948

Farm power utilization and cost on "very large" farms in the South  
Carolina Piedmont. 24 p. 1948. (S.C. Agr. Exp. Sta. Bul. 371)  
100 So8 no.371

The farm tenure situation in the southeast. 47 p. 1948.  
(S.C. Agr. Exp. Sta. Bul. 370) 100 So8 no.370

Farming for freedom. 1947 Annual report of the Georgia Agricultural  
Extension Service. 28 p. 1948. (Ga. Agr. Ext. Ser. Bul. 545)  
275.29 G29B no.545

A guide to farm tenure data in census publications. 18 p. 1948.  
(Bur. of Agr. Economics) 1.941 L2G94. Mimeographed.

State councils and associations of farmer cooperatives, 1947. 65 p.  
1948. (Farm Credit Administration, Misc. Report 117)

Suggestions to prospective farmers and sources of information. 23 p.  
1948 rev. (Bur. of Agr. Economics)

Trends in the tenure status of farm workers in the United States  
since 1880. 36 p. 1948. (Bur. of Agr. Economics)

### Forage Crops

Alfalfa. 7 p. 1948. (Ga. Agr. Ext. Ser. Cir. 330)  
275.29 G29C no.330.1948

Investigations in peanut plot technique. 17 p. 1948. (N.C. Agr.  
Exp. Sta. Tech. Bul. 86) 100 N81T no.86

Methods of field curing hay. 7 p. 1948. (Miss. Agr. Exp. Sta.  
Cir. 137) 100 M69C no.137

### Forestry

- Choosing methods and equipment for logging. 19 p. 1948.  
(Northeastern Forest Exp. Sta. Sta. Paper 18)
- Management of forests in an Eastern Kentucky area. 122 p. 1948.  
(Ky. Agr. Exp. Sta. Bul. 518) 100 K41 no.518  
Last of a series of bulletins on forest and farm resources in Eastern Kentucky. Others in the series include publications on timber-products marketing, farm management and family incomes, people and resources, and farms and forests in relation to population and income.
- Poisoning of bottomland hardwoods. 7 p. 1948. (Miss. Agr. Exp. Sta. Cir. 139) 100 L69C no.139

### Fruits and Vegetables

- Cooperative studies of sweetpotato-plant production. 17 p. 1948.  
(USDA Cir. 787) 1 Ag84C no.787
- A fruit and vegetable buying guide for consumers. 61 p. 1948.  
(USDA Misc. Pub. 167) 1 Ag84M no.167 1948
- Report of the 1948 spraying experiments for the control of plum curculio on peaches. 7 p. 1948. (Ga. Exp. Sta. Press Bul. 598) 100 G29P no.598. Mimeographed
- Vegetable insect control in North Carolina. 19 p. 1948.  
(N.C. Agr. Ext. Ser. Cir. 313) 275.29 N811 no.313

### Grain - Prices

- Analysis of hedging and other operations in grain futures. 83 p. 1948. (USDA Tech. Bul. 971) 1 Ag84Te no.971

### House and Home - Helpful Bulletins

- How to choose and use your washing machine. 15 p. 1948.  
(USDA AIS-73) 1 Ag84Ai no.73
- Performance of a coal-fired boiler converted to oil. 11 p. 1948.  
(Nat. Bur. of Standards BMS 111)
- Preventing and removing mildew...home methods. 10 p. 1948.  
(USDA AIS-72) 1 Ag84Ai no.72

### Land Use

- Land ownership and use in Kentucky. 32 p. 1948.  
(Ky. Agr. Exp. Sta. Bul. 519) 100 K41 no.519

### Legumes

- Soybean varieties and time of planting experiments. 7 p. 1948.  
(Miss. Agr. Exp. Sta. Cir. 140) 100 L69C no.140
- Winter cover crops for nitrogen, organic matter, and soil and plant food conservation. 8 p. 1948. (Ga. Agr. Ext. Ser. Cir. 300) 275.29 G29C no.300 1948

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DO YOU KNOW YOUR USDA LIBRARY?

Ask for information concerning the library - It is yours to use.

--- VISIT - TELEPHONE - WRITE ---

Potatoes

Potato preferences among household consumers. 119 p. 1948.  
(USDA Misc. Pub. 667) 1 Ag84M no.667

Soils

Soils, geology, and water control in the Everglades region. 168 p.  
1948. (Fla. Agr. Exp. Sta. Bul. 442) 100 F66S no.442

Tobacco

Tobaccos of the United States; acreage, yield per acre, production, price, and value... 1866-1945. 82 p. 1948. (Bur. of Agr. Economics)

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HEALTH

The Nation's Health - A Ten-Year Program. 186 p. Sept. 1948.  
(Federal Security Agency)

A comprehensive report prepared by Oscar R. Ewing, Federal Security Administrator, in response to a request from the President of the United States for a study on the state of the Nation's health and on plans to raise the national level of health during the next decade. The central purpose of the program set forth in the report is to promote the highest possible level of national health so important to welfare and security.

1947-48 DIRECTORY

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations, 1947-48. 163 p. 1948.  
(USDA Misc. Pub. no. 649) 1 Ag84M no.649

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HAVE YOU READ -

"Royal Society Scientific Information Conference," by Ralph R. Shaw, Librarian, U.S. Department of Agriculture Library, who was the representative of the United States Government at the Conference on behalf of the Department of State and its London Scientific Mission. Science, volume 108, August 13, 1948, pages 148-151.

"A Democratic Approach to Creating Personnel Policy," by C. O. Henderson, Chief, Division of Training, Office of Personnel, U.S. Department of Agriculture. Personnel Administration, volume 10, May 1948, pages 8-11.

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AVAILABLE

The following books for which many requests were received during the last few months are now free of reserves -

America's Needs and Resources, by Frederick Dewhurst and associates.  
New York, Twentieth Century Fund, 1947. 812 p. 280.12 D512

Animal Nutrition, by Leonard Amby Maynard. 2d ed. New York,  
McGraw-Hill, 1947. 494 p. 389.7 M45

Better Photography, by Lester Loeb. New York, Philosophical Library,  
1947. 274 p. 332 L82

Chemicals, Humus, and the Soil, by Donald P. Hopkins. London, Faber &  
Faber, 1946. 278 p. 57.4 H77

Land Economics, by Roland R. Renne. New York, Harper, 1947. 736 p.  
282 R29

Lumber, Nelson C. Brown. New York, Wiley, 1947. 344 p. 99.76 B81Lu

Tomorrow's Food, the coming revolution in nutrition, by James Rorty  
and N. Philip Norman. New York, Prentice-Hall, 1947. 258 p.  
389.1 R692

Trees of the Southeastern States, including Virginia, North Carolina,  
South Carolina, Tennessee, Georgia, and northern Florida, by  
William Chambers Coker. 3d ed. Chapel Hill, University of North  
Carolina Press, 1945. 419 p. 455.5 C66 Ed.3

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PERIODICALS

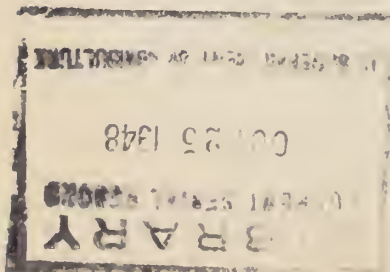
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NEWSLETTER

Beginning with the November 1948 issue the Library Newsletter of the Atlanta Branch will be issued monthly.

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Stella Breedlove  
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Atlanta Branch